

APR 29 2005

Sheet 1 of 1

Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement          by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. <b>05542-552001</b>	Application No. <b>10/732,966</b>
	Applicant <b>Chen et al.</b>		
	Filing Date <b>December 10, 2003</b>	Group Art Unit <b>1763</b>	

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
<i>dy</i>	AA	5,906,532	05/25/1999	Nakajima et al.			
<i>dy</i>	AB	2004/0152403 A1	08/05/2004	Marohl et al.			

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
<i>dy</i>	AC	WO2004/033152 A1	04/2004	WIPO			<input checked="" type="checkbox"/>	<input type="checkbox"/>
<i>dy</i>	AD	WO 02/098608 A1	12/2002	WIPO			<input checked="" type="checkbox"/>	<input type="checkbox"/>
<i>dy</i>	AE	DE 203 09 051 U1	11/2003	DE			English Abstract U.S. Equivalent 2004/0152403-A1	<input type="checkbox"/>

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
<i>dy</i>	AF	International Search Report, International Application Serial No. PCT/US2004/041322, April 18, 2005, 4 pp.

Examiner Signature

Date Considered


EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)

<b>Information Disclosure Statement</b> <b>by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Chen et al.	
		Filing Date December 10, 2003	Group Art Unit Unknown

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
by	AA	5,205,082	04/27/93	Shendon et al.			
by	AB	5,423,558	06/13/95	Koeth et al.			
by	AC	5,584,751	12/17/96	Kobayashi et al.			
by	AD	5,605,487	02/25/87	Hileman et al.			
by	AE	5,605,488	02/25/97	Ohashi et al.			
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by	AG	5,643,053	07/01/97	Shendon			
by	AH	5,643,061	07/01/97	Jackson et al.			
by	AI	5,645,474	07/08/97	Kubo et al.			
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by	AK	5,664,988	09/09/97	Stroupe et al.			
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by	AM	5,759,918	06/02/98	Hoshizaki et al.			
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by	AO	5,851,140	12/22/98	Barns et al.			
by	AP	6,068,548	05/2000	Vote et al.			
by	AQ	6,183,354	02/2001	Zuniga et al.			
by	AR	6,244,932	06/2001	Govzman et al.			
by	AS	6,251,215	06/26/01	Zuniga et al.			
by	AT	6,277,008	08/21/01	Masuta et al.			

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Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes No
by	AU	0 988 931 A2	03/29/00	EPO			
by	AV	0 790 100 A1	08/20/97	EPO			
by	AW	0 841 123 A1	05/13/98	EPO			
by	AX	0 776 730 A	06/04/97	EPO			

Examiner Signature 	Date Considered 11/11/2003
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<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))		Applicant <b>Chen et al.</b>	
		Filing Date <b>December 10, 2003</b>	Group Art Unit <b>Unknown</b>

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AY	2 336 121 A	10/13/99	Great Britain				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AZ	"SPM's PPS Ring Sales History", January 1997 thru November 1999
	AAA	Yuan, et al., A novel Wafer Carrier Ring Design Minimizes Edge Over-Polishing Effects for Chemical Mechanical Polishing, June 27-29 1995 VMIC Conference, 1995 ISMIC 104/95/525, pp. 525-527.

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